

Weekly Report

01/19/2015-01/25/2015

Research

This week, I read a paper about evaluate health of people use mobile phone gps data[1]. Authors use a decision tree classifier to distinguish user's transpiration mode (walking, stationary and so on). Then their system visualise user's location traces on a map. This work could be used to detect patient's anomaly activity.

Plan for next week

- Read the Java program and try to write some functions.

References

- [1] Jason Ryder, Brent Longstaff, Sasank Reddy, and Deborah Estrin. Ambulation: A tool for monitoring mobility patterns over time using mobile phones. In *Computational Science and Engineering, 2009. CSE'09. International Conference on*, volume 4, pages 927–931. IEEE, 2009.